

**AMENDMENTS TO THE CLAIMS**

1. (CURRENTLY AMENDED) A ~~mobile-terminal-platform-assembly~~ platform system comprising:
  - a software services component comprising at least one functional software unit;
  - a hardware component comprising at least one hardware unit associated with the at least one functional software unit; and
  - an interface component comprising at least one software interface, the interface component being adapted to provide access by mobile-terminal application software to the software services component and the hardware component during testing of the mobile terminal and during a lifecycle of the mobile terminal.
2. (CURRENTLY AMENDED) The ~~mobile-terminal-platform-assembly~~ platform system of claim 1, wherein the mobile-terminal application software comprises software for testing the mobile terminal during production of the mobile terminal.
3. (CURRENTLY AMENDED) The ~~mobile-terminal-platform-assembly~~ platform system of claim 1, wherein the mobile-terminal application software comprises software for testing the mobile terminal during servicing of the mobile terminal during the lifecycle of the mobile terminal.
4. (CURRENTLY AMENDED) The ~~mobile-terminal-platform-assembly~~ platform system of claim 1, wherein the interface component comprises a middleware services layer.
5. (CURRENTLY AMENDED) The ~~mobile-terminal-platform-assembly~~ platform system of claim 2, wherein a code space occupied by the software for testing the mobile terminal during production of the mobile terminal may be overwritten after the testing of the mobile terminal during production has been completed.
6. (CURRENTLY AMENDED) The ~~mobile-terminal-platform-assembly~~ platform system of claim 2, wherein the mobile-terminal application software comprises software for use during servicing of the mobile-terminal during the lifecycle of the mobile terminal.
7. (CURRENTLY AMENDED) The ~~mobile-terminal-platform-assembly~~ platform system of claim 6, further comprising the mobile-terminal application software.
8. (CURRENTLY AMENDED) The ~~mobile-terminal-platform-assembly~~ platform system of claim 1, further comprising the mobile-terminal application software, wherein the mobile-terminal application software comprises software for testing the mobile terminal during servicing of the mobile terminal during the lifecycle of the mobile terminal.
9. (CURRENTLY AMENDED) The ~~mobile-terminal-platform-assembly~~ platform system of claim 1, wherein the hardware component interfaces with a factory test system, the factory test system being adapted to control the software for testing the mobile terminal during production of the mobile terminal.

10. (CURRENTLY AMENDED) The ~~mobile-terminal-platform-assembly~~ platform system of claim 1, wherein the hardware component interfaces with a factory test system, the factory test system being adapted to control the software for testing the mobile terminal during servicing of the mobile terminal during the lifecycle of the mobile terminal.

11. (CURRENTLY AMENDED) The ~~mobile-terminal-platform-assembly~~ platform system of claim 1, wherein the mobile terminal is for use in a wireless telecommunication system.

12. (ORIGINAL) A method of testing a mobile terminal, the method comprising:  
interoperably connecting the mobile terminal to a test system;  
wherein the mobile terminal comprises an interface component;  
wherein the interface component comprises at least one software interface;  
providing, via the interface component, of access by mobile-terminal-test application software to software and hardware of the mobile terminal during testing of the mobile terminal;  
the test system controlling the mobile-terminal-test application software via an external interface during the testing of the mobile terminal; and  
retaining the interface component, the hardware, and the software on the mobile terminal.

13. (ORIGINAL) The method of claim 12, wherein the mobile terminal is for use in a wireless telecommunication system.

14. (ORIGINAL) The method of claim 12, further comprising deleting the mobile-terminal-test-application software from the mobile terminal after the testing of the mobile terminal has been completed.

15. (ORIGINAL) The method of claim 12, wherein the mobile terminal is provided to a customer with the mobile-terminal-test-application software retained on the mobile terminal, the mobile-terminal-test-application software being inaccessible to end users of the mobile terminal.

16. (ORIGINAL) The method of claim 12, further comprising:  
following the testing of the mobile terminal, providing the mobile terminal to a customer; and  
following the step of providing, deleting the mobile-terminal-test-application software from the mobile terminal.

17. (ORIGINAL) The method of claim 14 or claim 16, further comprising adding application software in a code space previously occupied, at least in part, by the deleted mobile-terminal-test-application software.

18. (ORIGINAL) The method of claim 12, wherein the mobile-terminal application software comprises software for testing the mobile terminal during production of the mobile terminal.

19. (ORIGINAL) The method of claim 12, wherein the mobile-terminal application software comprises software for testing the mobile terminal during servicing of the mobile terminal during the lifecycle of the mobile terminal.